

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000834

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B23K 9/095

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B23K, G05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02078891 A1 (ABB AB), 10 October 2002 (10.10.2002) --	1,6
A	WO 02095323 A1 (LINCOLN GLOBAL, INC.), 28 November 2002 (28.11.2002) --	1,6
A	US 5643478 A (ALAIN DILLET ET AL), 1 July 1997 (01.07.1997) -----	1,6

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

8 Sept 2004

Date of mailing of the international search report

14-09-2004

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INTERNATIONAL SEARCH REPORT
Information on patent family members

31/07/2004

International application No.

PCT/SE 2004/000834

WO	02078891	A1	10/10/2002	AU	6283401	A	03/12/2001
				EP	1292297	A	19/03/2003
				EP	1372896	A	02/01/2004
				JP	2003534279	T	18/11/2003
				SE	520140	C	03/06/2003
				SE	0101163	A	02/12/2002
				US	2003114519	A	19/06/2003
<hr/>				<hr/>			
WO	02095323	A1	28/11/2002	CA	2386662	A	24/11/2002
				EP	1390687	A	25/02/2004
				US	2002198667	A	26/12/2002
<hr/>				<hr/>			
US	5643478	A	01/07/1997	CA	2072192	A	29/12/1992
				DE	69213121	D,T	06/03/1997
				DK	520893	T	10/02/1997
				EP	0520893	A,B	30/12/1992
				SE	0520893	T3	
				ES	2094316	T	16/01/1997
				FR	2678190	A,B	31/12/1992
				JP	3241101	B	25/12/2001
				JP	5185227	A	27/07/1993
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